

ORIGINAL

NEW APPLICATION



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BEFORE THE ARIZONA CORPORATION COMMISSION

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Arizona Corporation Commission

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AZ CORP COMMISSION
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IN THE MATTER OF THE APPLICATION OF
COPPER MARKET, INC. FOR AN
ADJUSTMENT IN ITS PURCHASE GAS
ADJUSTOR MECHANISM RATE ("PGAM")

Docket No. G-02308A-15-0406

APPLICATION

Copper Market, Inc. ("Copper Market") respectfully requests that the Arizona Corporation Commission authorize and approve adjustments to Copper Market's Purchase Gas Adjustor Mechanism ("PGAM") rate to prevent any continued and sustained over-collection of its PGAM bank balance. Copper Market is first requesting to decrease its PGAM rate to \$0.01000 per cubic foot ("cf") from \$0.03174 per cf starting in March of 2016. Then, to avoid any large over-or-under collection (more than \$100,000 in either direction), Copper Market is then proposing to moderately increase the PGAM rate to \$0.01500 per cf in March of 2018. Finally, Copper Market seeks clarification as to whether the bank balance threshold set forth for it in Decision No. 61225 (October 30, 1998) applies. If so, Copper Market would request that the bank balance threshold either be removed, or modified to an average of \$100,000 over-or-under collection in a calendar year, given the fluctuations in the bank balance that occur over the course of a calendar year. In support of this application, Copper Market states the following:

1. Copper Market is a small distribution system company that provides propane service to approximately 970 customers in Bagdad, Arizona. It is owned by Freeport McMoRan, Inc. Copper Market bills its customers on a per-cf basis, rather than on a per-therm basis.¹

2. Copper Market's PGAM is different from other local gas distribution company

¹ 1 therm of propane equals approximately 40 cf.

1 adjustor mechanisms, in that Copper Market's cost rate does not change apart from specific
2 Commission action to change the rate.

3 3. In Decision No. 71409 (December 8, 2009) the Commission last approved a
4 change in Copper Market's PGAM rate to \$0.03174 per cf from \$0.01874 per cf, in monthly
5 increments of \$0.0010 per cf. This change was made due to the relatively high spot-market prices
6 for propane from late 2008 through 2009, which was due to propane's price linkage to oil prices.
7 The Commission explained that propane is produced through the process of refining natural gas
8 and oil, and that the high natural gas and oil prices in recent years had driven up propane prices.
9 Copper Market has written off large under-collected PGAM bank balances in the past, including
10 \$806,910 as of the end of June, 2009.

11 4. Given how Copper Market acquires propane throughout the year, the price to
12 acquire it can fluctuate significantly. As a result, the PGAM bank balance has fluctuated between
13 an over-and-under collection over the course of a calendar year, and over the past few years. Even
14 so, the PGAM bank balance is projected to average \$116,346.95 in over-collections by the end of
15 2015. Absent a change in the PGAM rate, the average PGAM bank balance may increase
16 significantly. Specifically, Copper Market has projected that the over-collected bank balance may
17 increase to an average of \$347,710.98 in 2016, increasing from \$133,470.37 to \$557,590.46 from
18 January to December, 2016, absent some change in the PGAM rate.

19 5. Copper Market seeks to address two objectives with its proposal to change the
20 PGAM rate: (1) to reduce the over-collection and essentially refund its customers for over-
21 collections held consistently throughout the calendar year; and (2) keep the PGAM bank balance
22 at a level where both over-and-under collections throughout the year are modest, with the bank
23 balance not exceeding \$100,000 over-or-under collected over the course of a calendar year. To
24 achieve both objectives, Copper Market proposes a stepped approach to the PGAM rate.

25 6. Specifically, Copper Market proposes to first reduce the PGAM rate to \$0.01000
26 per cf from its current rate of \$0.03174 per cf starting in March of 2016. This will reduce the
27

1 average over-collection to \$147,255.89 by the end of 2016, and eventually under \$100,000 in
2 2017. Then, Copper Market proposes to increase the PGAM rate to \$0.01500 per cf starting in
3 March of 2018. This should keep the PGAM bank balance within a modest range of not
4 exceeding \$100,000 in either direction over the next few years, assuming propane prices stay
5 relatively stable and predictable. Because Copper Market anticipates propane prices to remain
6 relatively stable, Copper Market believes this PGAM rate, together with the base gas rate of
7 \$0.01280 per cf, will accurately reflect Copper Market's average purchase gas costs for the
8 foreseeable future.

9 7. Attached as Exhibit A, and incorporated herein by reference, are schedules
10 detailing the PGAM bank balance levels and detailing how adjusting the PGAM rate as described
11 above will reduce the average over-collection by Copper Market, as well as keeping the bank
12 balance within the modest range discussed in the preceding paragraphs.

13 8. Based on average use of approximately 2,061 cubic feet, the customer's bill would
14 reflect a savings of approximately \$44.81 per month starting in March of 2016, with an increase
15 of \$10.30 starting in March of 2018. The customer would receive a net savings of \$34.51 per
16 month from a PGAM rate of \$0.03471 per cf to \$0.01500 per cf, based on average use.

17 9. Copper Market requests that the Commission approve its proposed adjustment to
18 \$0.01000 per cf, so that it can become effective in March 2016, and approve increasing the rate to
19 \$0.01500 per cf starting March of 2018.

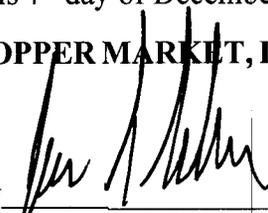
20 10. Further, Copper Market seeks clarification on whether the bank balance threshold
21 in Decision No. 61225 applies. In that decision, the Commission indicated that the bank balance
22 threshold for Copper Market was \$7,500 at Finding of Fact No. 10. But the same decision at
23 Finding of Fact No. 23 describes how Copper Market would be exempted from "all other
24 requirements of this order" if it submits a plan to address the under-collected balance, including
25 writing off the under-collected balance. Copper Market has been writing off under-collected
26 balances, including as indicated in Decision No. 71409. For this reason, Copper Market does not
27

1 believe the bank balance threshold in Decision No. 61225 applies. If it is found that the bank
2 balance threshold still applies, however, Copper Market would request that the threshold either be
3 removed, or modified to when the average bank balance for a calendar year exceeds \$100,000
4 over-or-under collected, given the fluctuations in the bank balance that occur during the course of
5 a calendar year.

6 WHEREFORE, Copper Market respectfully submits that the Application be granted and
7 that an order reducing the PGAM rate to \$0.01000 per cf effective on March of 2016, and then
8 increasing the PGAM rate to \$0.01500 per cf effective on March of 2018. Further, Copper
9 Market seeks clarification as to whether a bank balance threshold applies, and if so, that it either
10 be removed or modified to \$100,000 over-or-under collected, based on the average bank balance
11 over the course of a calendar year.

12 RESPECTFULLY SUBMITTED this 4th day of December, 2015.

13 **COPPER MARKET, INC.**

14
15 By 

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21 Attorney for Copper Market, Inc.

22 Original and 13 copies filed
23 this 4th day of December, 2015, with:

24 Docket Control
25 ARIZONA CORPORATION COMMISSION
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27 Phoenix, Arizona 85007

1 Copies of the foregoing hand-deliver/mailed
2 this 4th day of December 2015 to:

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19 By *Jaclyn Howard*
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26
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Exhibit A

Copper Market PGAM Balance
Present Rate

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Average
1 Bank Balance Forward from Prior Months	\$ (141,023.59)	\$ (116,466.76)	\$ (60,657.45)	\$ (39,354.78)	\$ (17,950.08)	\$ (3,308.16)	\$ (1,845.79)	\$ 15,987.81	\$ 18,561.86	\$ 15,102.39	\$ 7,605.51	\$ (10,890.51)	\$ (27,854.05)
2 Actual Cost of Purchase Propane	\$ 154,621.80	\$ 72,221.05	\$ 77,367.10	\$ 19,528.55	\$ 19,209.15	\$ 20,616.99	\$ 20,517.27	\$ 23,075.29	\$ 36,816.45	\$ 63,691.47	\$ 96,607.05	\$ 96,607.05	\$ 50,356.01
3 Actual Cubic Feet Purchased	4,691,799	2,822,846	2,822,846	662,043	659,460	639,421	636,388	641,738	972,596	1,682,564	2,135,095	2,135,095	1,481,858.42
4 Total Cost to be Recovered	\$ (295,645.39)	\$ (188,897.81)	\$ (138,024.35)	\$ (58,883.33)	\$ (37,168.23)	\$ (23,922.15)	\$ (1,845.79)	\$ (4,529.46)	\$ (64,134.43)	\$ (21,714.06)	\$ (56,085.96)	\$ (2,017,456)	\$ (78,210.06)
5 Total Sales in Cubic Feet	4,022,870	2,874,503	2,215,307	918,820	760,217	495,720	400,395	518,440	440,409	658,275	1,014,716	2,345,908	1,388,798
6 Base Gas Rate	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280
7 Amount Recovered from Base Gas Rate	\$ 51,492.74	\$ 36,793.64	\$ 28,355.93	\$ 11,760.90	\$ 9,730.78	\$ 6,345.22	\$ 5,125.06	\$ 6,636.03	\$ 5,637.24	\$ 8,425.92	\$ 12,988.36	\$ 30,027.62	\$ 17,776.62
8 Total Sales in Cubic Feet	4,022,870	2,874,503	2,215,307	918,820	760,217	495,720	400,395	518,440	440,409	658,275	1,014,716	2,345,908	1,388,798
9 PGA Rate	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147
10 Amount Recovered from PGA Rate	\$ 127,685.89	\$ 91,236.73	\$ 70,313.84	\$ 29,163.35	\$ 24,129.29	\$ 15,734.15	\$ 12,708.54	\$ 16,655.29	\$ 13,978.58	\$ 20,893.85	\$ 32,207.09	\$ 73,825.72	\$ 44,027.68
11 Total Amount Recovered	\$ 179,178.63	\$ 128,030.37	\$ 98,669.77	\$ 40,924.25	\$ 33,860.07	\$ 22,079.37	\$ 17,833.60	\$ 23,091.32	\$ 19,615.82	\$ 29,319.57	\$ 45,195.45	\$ 103,853.35	\$ 61,804.30
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ (116,466.76)	\$ (60,657.45)	\$ (39,354.78)	\$ (17,950.08)	\$ (3,308.16)	\$ (1,845.79)	\$ 15,987.81	\$ 18,561.86	\$ 15,102.39	\$ 7,605.51	\$ (10,890.51)	\$ (3,644.21)	\$ (16,405.76)

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Average
1 Bank Balance Forward from Prior Months	\$ (3,010.90)	\$ 17,963.17	\$ 16,344.15	\$ 20,462.00	\$ 21,612.57	\$ 27,459.75	\$ 50,458.92	\$ 33,465.90	\$ 60,762.47	\$ 53,060.18	\$ 28,528.15	\$ 27,771.54	\$ 29,606.49
2 Actual Cost of Purchase Propane	\$ 98,472.03	\$ 106,526.16	\$ 80,034.11	\$ 51,026.40	\$ 26,120.16	\$ 26,120.16	\$ 36,305.16	\$ 23,152.46	\$ 47,334.83	\$ 35,161.34	\$ 69,372.45	\$ 45,624.93	\$ 45,624.93
3 Actual Cubic Feet Purchased	2,326,959	2,371,427	1,416,299	1,289,480	660,078	660,078	1,001,853	638,754	1,302,471	967,501	1,916,043	1,157,572.08	\$ 0.0394143
4 Total Cost to be Recovered	\$ (101,462.93)	\$ (82,562.99)	\$ (43,689.96)	\$ (30,564.40)	\$ (4,507.59)	\$ (4,507.59)	\$ 14,153.76	\$ 33,465.90	\$ 37,610.01	\$ 5,725.25	\$ (6,233.19)	\$ (41,600.91)	\$ (16,018.44)
5 Total Sales in Cubic Feet	2,681,771	2,220,500	1,440,322	1,171,463	717,722	516,371	433,591	612,855	346,883	520,945	763,465	1,904,949	1,110,903.08
6 Base Gas Rate	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280
7 Amount Recovered from Base Gas Rate	\$ 34,326.67	\$ 28,422.40	\$ 18,436.12	\$ 14,984.73	\$ 9,186.84	\$ 6,609.55	\$ 5,549.96	\$ 7,844.54	\$ 4,440.10	\$ 6,668.10	\$ 9,772.35	\$ 24,383.35	\$ 14,219.96
8 Total Sales in Cubic Feet	2,681,771	2,220,500	1,440,322	1,171,463	717,722	516,371	433,591	612,855	346,883	520,945	763,465	1,904,949	1,110,903.08
9 PGA Rate	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147
10 Amount Recovered from PGA Rate	\$ 85,118.43	\$ 70,478.69	\$ 45,715.83	\$ 37,182.24	\$ 22,780.50	\$ 16,389.62	\$ 13,762.18	\$ 19,452.02	\$ 11,010.07	\$ 16,534.80	\$ 24,232.38	\$ 60,463.09	\$ 35,260.07
11 Total Amount Recovered	\$ 119,445.10	\$ 98,901.09	\$ 64,151.95	\$ 52,176.97	\$ 31,967.34	\$ 22,999.17	\$ 19,312.15	\$ 27,296.57	\$ 15,450.17	\$ 23,202.89	\$ 34,004.74	\$ 84,846.44	\$ 49,479.63
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ 17,963.17	\$ 16,344.15	\$ 20,462.00	\$ 21,612.57	\$ 27,459.75	\$ 50,458.92	\$ 33,465.90	\$ 60,762.47	\$ 53,060.18	\$ 28,528.15	\$ 27,771.54	\$ 43,245.53	\$ 33,461.19

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Average
1 Bank Balance Forward from Prior Months	\$ 43,245.53	\$ 61,978.40	\$ 91,968.60	\$ 91,541.48	\$ 109,661.07	\$ 110,348.05	\$ 115,575.90	\$ 121,015.84	\$ 126,244.40	\$ 127,754.24	\$ 149,348.07	\$ 139,522.76	\$ 107,350.76
2 Actual Cost of Purchase Propane	\$ 177,336.16	\$ 56,190.07	\$ 57,660.89	\$ 22,927.82	\$ 34,459.94	\$ 22,760.82	\$ 13,743.60	\$ 14,327.28	\$ 19,913.30	\$ -	\$ 49,426.41	\$ 62,969.75	\$ 41,146.32
3 Actual Cubic Feet Purchased	3,247,043	1,610,294	1,609,784	648,033	649,962	643,302	623,797	650,289	647,014	-	1,325,032.50	2,115,969.00	1,147,509.96
4 Total Cost to be Recovered	\$ (74,090.63)	\$ 3,788.33	\$ 34,287.71	\$ 68,613.66	\$ 75,201.13	\$ 87,587.63	\$ 101,832.30	\$ 106,691.56	\$ 106,330.80	\$ 127,754.24	\$ 99,922.66	\$ 56,533.01	\$ 66,204.46
5 Total Sales in Cubic Feet	3,055,009	1,979,777	1,285,446	921,585	789,109	628,385	430,771	438,995	480,991	484,841.00	889,090.50	2,125,428.50	1,125,785.67
6 Base Gas Rate	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280
7 Amount Recovered from Base Gas Rate	\$ 39,104.12	\$ 25,341.15	\$ 16,453.71	\$ 11,796.29	\$ 10,100.60	\$ 8,043.33	\$ 5,513.87	\$ 5,619.14	\$ 6,156.68	\$ 6,205.96	\$ 11,380.36	\$ 27,205.48	\$ 14,410.06
8 Total Sales in Cubic Feet	3,055,009	1,979,777	1,285,446	921,585	789,109	628,385	430,771	438,995	480,991	484,841	889,091	2,125,429	1,125,785.67
9 PGA Rate	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147	0.03147
10 Amount Recovered from PGA Rate	\$ 96,965.99	\$ 62,838.13	\$ 40,800.07	\$ 29,251.11	\$ 25,046.33	\$ 19,944.94	\$ 13,672.67	\$ 13,933.70	\$ 15,266.66	\$ 15,388.66	\$ 28,219.74	\$ 67,461.12	\$ 35,732.44
11 Total Amount Recovered	\$ 136,070.10	\$ 88,179.27	\$ 57,253.77	\$ 41,047.40	\$ 35,146.92	\$ 27,988.27	\$ 19,186.54	\$ 19,552.84	\$ 21,423.34	\$ 21,594.82	\$ 39,600.10	\$ 94,666.60	\$ 50,142.50
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ 61,978.40	\$ 91,968.60	\$ 91,541.48	\$ 109,661.07	\$ 110,348.05	\$ 115,575.90	\$ 121,015.84	\$ 126,244.40	\$ 127,754.24	\$ 149,348.07	\$ 139,522.76	\$ 151,999.61	\$ 116,346.95

Copper Market PGAM Balance
Proposed Rates

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Average
1 Bank Balance Forward from Prior Months	\$ 151,199.61	\$ 133,470.37	\$ 150,785.27	\$ 127,210.41	\$ 129,270.71	\$ 132,717.62	\$ 145,628.44	\$ 154,712.41	\$ 170,168.05	\$ 173,323.02	\$ 173,323.02	\$ 155,647.57	\$ 149,836.37
2 Actual Cost of Purchase Propane	\$ 123,476.66	\$ 76,977.07	\$ 65,027.37	\$ 31,160.92	\$ 26,596.42	\$ 14,459.14	\$ 16,882.92	\$ 11,614.85	\$ 22,047.88	\$ 28,650.46	\$ 49,426.41	\$ 82,989.75	\$ 45,709.09
3 Actual Cubic Feet Purchased	3,421,934	2,080,004	1,862,976	866,519	656,500	427,594	541,983	428,892	639,749	798,356	1,325,033	2,115,569	1,262,084
4 Total Cost to be Recovered	\$ 27,722.95	\$ 56,483.29	\$ 85,747.90	\$ 96,049.49	\$ 102,674.30	\$ 116,258.49	\$ 128,945.52	\$ 143,097.56	\$ 148,120.97	\$ 145,652.44	\$ 123,896.62	\$ 72,657.82	\$ 104,127.28
5 Total Sales in Cubic Feet	3,253,217	2,356,280	1,647,025	1,003,956	755,683	546,825	421,586	523,430	422,761	554,687	889,091	2,125,429	1,208,496
6 Base Gas Rate	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280
7 Amount Recovered from Base Gas Rate	\$ 41,641.17	\$ 30,185.73	\$ 21,081.92	\$ 12,850.64	\$ 9,672.74	\$ 6,998.36	\$ 5,396.30	\$ 6,699.90	\$ 5,411.34	\$ 7,099.99	\$ 11,380.36	\$ 27,205.48	\$ 15,468.74
8 Total Sales in Cubic Feet	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059
9 PGA Rate	0.03147	0.03147	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.013578333
10 Amount Recovered from PGA Rate	\$ 64,106.25	\$ 64,106.25	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 27,659.87
11 Total Amount Recovered	\$ 105,747.42	\$ 94,291.97	\$ 41,452.51	\$ 33,221.23	\$ 30,043.33	\$ 27,369.95	\$ 25,766.89	\$ 27,070.49	\$ 25,781.93	\$ 27,470.58	\$ 31,750.95	\$ 47,576.07	\$ 43,128.61
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ 133,470.37	\$ 150,785.27	\$ 127,210.41	\$ 129,270.71	\$ 132,717.62	\$ 145,628.44	\$ 154,712.41	\$ 170,168.05	\$ 173,902.90	\$ 173,323.02	\$ 185,647.57	\$ 120,233.89	\$ 147,255.89

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Average
1 Bank Balance Forward from Prior Months	\$ 120,233.89	\$ 65,866.85	\$ 35,658.12	\$ 13,771.83	\$ 12,317.93	\$ 13,283.07	\$ 28,464.56	\$ 32,077.96	\$ 50,522.37	\$ 54,524.65	\$ 56,424.80	\$ 42,968.36	\$ 11,153.07
2 Actual Cost of Purchase Propane	\$ 113,094.95	\$ 76,562.41	\$ 60,914.12	\$ 35,038.38	\$ 29,058.84	\$ 12,406.52	\$ 22,243.89	\$ 8,647.38	\$ 21,704.35	\$ 25,128.46	\$ 44,671.38	\$ 76,450.65	\$ 44,160.11
3 Actual Cubic Feet Purchased	2,988,645	2,020,575	1,636,353	934,677	655,513	395,965	722,511	359,727	639,086	666,942	1,205,855	2,045,060	1,188,826
4 Total Cost to be Recovered	\$ 7,136.94	\$ (12,695.56)	\$ (25,256.01)	\$ (21,266.55)	\$ (16,740.91)	\$ 876.55	\$ 6,220.66	\$ 23,430.59	\$ 28,818.02	\$ 29,396.19	\$ 11,753.42	\$ (58,482.29)	\$ (33,007.04)
5 Total Sales in Cubic Feet	2,996,666	2,186,179	1,457,996	1,032,335	754,171	563,660	428,649	525,993	416,678	520,158	847,215	2,051,935	1,148,395
6 Base Gas Rate	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280	0.01280
7 Amount Recovered from Base Gas Rate	\$ 38,357.32	\$ 27,993.09	\$ 18,657.25	\$ 13,213.88	\$ 9,653.39	\$ 7,217.41	\$ 5,466.71	\$ 6,721.19	\$ 5,336.04	\$ 6,658.02	\$ 10,844.36	\$ 26,264.77	\$ 14,699.45
8 Total Sales in Cubic Feet	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059
9 PGA Rate	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.01000	0.02222
10 Amount Recovered from PGA Rate	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 45,263.45
11 Total Amount Recovered	\$ 58,727.91	\$ 48,353.68	\$ 39,027.84	\$ 33,584.47	\$ 30,023.98	\$ 27,588.00	\$ 25,857.30	\$ 27,091.78	\$ 25,706.63	\$ 27,028.61	\$ 31,214.95	\$ 46,635.36	\$ 59,962.90
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ 65,866.85	\$ 35,658.12	\$ 13,771.83	\$ 12,317.93	\$ 13,283.07	\$ 28,464.56	\$ 32,077.96	\$ 50,522.37	\$ 54,524.65	\$ 56,424.80	\$ 42,968.36	\$ 11,153.07	\$ 26,955.87

Unit Cost per Cubic Foot \$ 0.0371460

Copper Market PGAM Balance
Proposed Rates

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Average
1 Bank Balance Forward from Prior Months	\$ 11,153.07	\$ (46,744.72)	\$ (69,780.67)	\$ (81,701.28)	\$ (68,234.17)	\$ (67,907.77)	\$ (36,473.88)	\$ (18,009.17)	\$ 7,363.62	\$ 22,332.55	\$ 41,816.79	\$ 35,732.97	\$ (21,704.39)
2 Actual Cost of Purchase Propane	\$ 117,869.26	\$ 71,243.19	\$ 61,207.46	\$ 29,709.04	\$ 30,036.40	\$ 16,542.03	\$ 17,556.80	\$ 11,529.84	\$ 21,221.64	\$ 17,726.31	\$ 47,841.40	\$ 81,476.72	\$ 43,671.84
3 Actual Cubic Feet Purchased	3,222,541	1,903,624	1,709,704	816,410	653,992	475,954	629,397	479,636	639,196	481,766	1,285,307	2,093,389	1,199,244
4 Total Cost to be Recovered	\$ (106,816.18)	\$ (117,997.91)	\$ (130,988.12)	\$ (111,410.32)	\$ (98,272.57)	\$ (74,449.80)	\$ (54,030.61)	\$ (29,639.01)	\$ (13,486.02)	\$ 4,606.25	\$ (6,024.61)	\$ (45,743.75)	\$ (65,376.23)
5 Total Sales in Cubic Feet	3,101,630	2,174,739	1,463,356	985,959	766,321	579,690	427,002	485,839	440,210	518,985	875,132	2,100,931	1,160,892.06
6 Base Gas Rate	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280
7 Amount Recovered from Base Gas Rate	\$ 39,700.87	\$ 27,836.65	\$ 18,730.96	\$ 12,620.27	\$ 9,808.91	\$ 7,420.94	\$ 5,465.63	\$ 3,646.74	\$ 5,634.69	\$ 6,654.66	\$ 11,201.69	\$ 26,881.91	\$ 14,859.42
8 Total Sales in Cubic Feet	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059.00
9 PGA Rate	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000	\$ 0.01000
10 Amount Recovered from PGA Rate	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59	\$ 20,370.59
11 Total Amount Recovered	\$ 60,071.46	\$ 48,207.24	\$ 49,286.84	\$ 43,176.15	\$ 40,364.79	\$ 37,975.92	\$ 36,021.51	\$ 36,902.63	\$ 36,190.57	\$ 37,210.54	\$ 41,757.58	\$ 57,447.80	\$ 43,717.75
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ (46,744.72)	\$ (69,780.67)	\$ (81,701.28)	\$ (68,234.17)	\$ (67,907.77)	\$ (36,473.88)	\$ (18,009.17)	\$ 7,363.62	\$ 22,332.55	\$ 41,816.79	\$ 35,732.97	\$ 11,704.05	\$ (21,658.47)

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Average
1 Bank Balance Forward from Prior Months	\$ 11,704.05	\$ (66,926.57)	\$ (62,390.42)	\$ (64,727.47)	\$ (53,246.11)	\$ (41,543.09)	\$ (18,244.16)	\$ (1,066.61)	\$ 25,481.21	\$ 39,840.09	\$ 53,565.12	\$ 47,950.08	\$ (7,391.49)
2 Actual Cost of Purchase Propane	\$ 118,180.29	\$ 75,594.22	\$ 62,362.98	\$ 31,969.45	\$ 28,564.55	\$ 14,469.23	\$ 19,827.87	\$ 10,597.35	\$ 21,657.69	\$ 23,635.08	\$ 47,313.06	\$ 80,972.37	\$ 44,513.68
3 Actual Cubic Feet Purchased	3,214,373	2,001,401	1,743,011	872,535	655,335	420,171	631,264	422,752	639,343	642,355	1,272,065	2,086,010	1,216,718
4 Total Cost to be Recovered	\$ (106,762.24)	\$ (111,614.79)	\$ (114,773.40)	\$ (98,996.92)	\$ (81,610.66)	\$ (66,012.32)	\$ (37,072.04)	\$ (11,665.96)	\$ 3,823.51	\$ 15,205.01	\$ 6,250.06	\$ (33,022.29)	\$ (51,905.17)
5 Total Sales in Cubic Feet	3,117,171	2,239,726	1,522,680	1,007,416	796,725	563,459	425,746	514,788	426,616	531,580	870,479	2,092,765	1,172,594.19
6 Base Gas Rate	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280
7 Amount Recovered from Base Gas Rate	\$ 39,899.79	\$ 28,668.49	\$ 19,490.04	\$ 12,894.93	\$ 9,711.68	\$ 7,212.27	\$ 5,449.54	\$ 6,689.28	\$ 5,460.69	\$ 6,804.22	\$ 11,142.14	\$ 26,787.39	\$ 15,009.21
8 Total Sales in Cubic Feet	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059.00
9 PGA Rate	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.01500	\$ 0.015
10 Amount Recovered from PGA Rate	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89
11 Total Amount Recovered	\$ 70,455.67	\$ 59,224.38	\$ 50,045.93	\$ 43,450.82	\$ 40,267.56	\$ 37,768.16	\$ 36,005.43	\$ 37,145.17	\$ 36,016.56	\$ 37,360.11	\$ 41,698.02	\$ 57,343.28	\$ 45,565.09
12 Disallowed Propane Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Bank Balance at the End of Month	\$ (36,020.57)	\$ (62,390.42)	\$ (64,727.47)	\$ (53,246.11)	\$ (41,543.09)	\$ (18,244.16)	\$ (1,066.61)	\$ 25,481.21	\$ 39,840.09	\$ 53,565.12	\$ 47,950.08	\$ 24,320.88	\$ (6,340.08)

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Average
1 Ending Bank Balance from Previous Month	\$ 24,320.88	\$ (22,218.64)	\$ (38,633.28)	\$ (50,619.50)	\$ (39,392.88)	\$ (28,332.93)	\$ (4,966.40)	\$ 11,513.92	\$ 38,364.03	\$ 52,869.16	\$ 67,967.39	\$ 62,977.39	\$ 6,154.10
2A Jurisdictional Sales	\$ 116,414.83	\$ 75,133.27	\$ 61,501.52	\$ 32,238.96	\$ 29,220.60	\$ 14,472.59	\$ 19,542.86	\$ 10,258.19	\$ 21,527.89	\$ 22,163.28	\$ 46,608.61	\$ 80,299.91	\$ 44,115.21
2B Total Sales (incl Spec Cont)	3,145,186	1,975,200	1,696,356	874,541	654,947	417,697	661,057	420,705	639,208	603,688	1,254,409	2,076,156	1,201,596
2C Special Contract Sales (Industrial kWh)	\$ (92,093.85)	\$ (87,351.92)	\$ (100,134.81)	\$ (82,858.46)	\$ (68,613.48)	\$ (42,805.52)	\$ (24,509.25)	\$ 1,255.73	\$ 16,836.13	\$ 30,705.88	\$ 21,358.78	\$ (17,322.52)	\$ (37,961.11)
3 Actual Cost of Purchased Power	3,071,822	2,200,215	1,481,205	1,008,570	759,739	569,003	427,132	511,907	427,902	523,878	864,276	2,081,877	1,160,627.02
4 Unit Cost of Purchased Power	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280	\$ 0.01280
5 Base Cost of Purchased Power	\$ 39,319.33	\$ 28,162.75	\$ 18,959.42	\$ 12,909.69	\$ 9,724.66	\$ 7,263.24	\$ 5,467.29	\$ 6,552.41	\$ 5,477.14	\$ 6,705.63	\$ 11,062.73	\$ 26,648.03	\$ 14,856.03
6 PPFAC rate of \$0.04200 per Decision No. 75088	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059	2,037,059.00
7 Total Rate Collected From Customer	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89	\$ 30,555.89
8 Incremental Difference between authorized and actual recovery	\$ 68,875.21	\$ 58,718.63	\$ 49,510.30	\$ 43,468.58	\$ 40,280.54	\$ 37,839.13	\$ 36,023.18	\$ 37,108.29	\$ 36,033.03	\$ 37,261.52	\$ 41,618.61	\$ 57,203.91	\$ 45,411.91
9 Net change to Bank balance	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Adjustments to Bank balance	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Preapproved DSM costs	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Ending Bank Balance:	\$ (22,218.64)	\$ (38,633.28)	\$ (50,619.50)	\$ (39,392.88)	\$ (28,332.93)	\$ (4,966.40)	\$ 11,513.92	\$ 38,364.03	\$ 52,869.16	\$ 67,967.39	\$ 62,977.39	\$ 39,881.39	\$ 7,450.80